SLET1000-H

Temperature Data Acquisition Workstation Operating Manual

Overview

SLET1000-H is a search bogey of the single-bus technology is another masterpiece, is a strong drive capability of the humidity of remote digital acquisition system, according to different needs, can be connected to 120-240 digital humidity sensor (a total of ten road, each up to 12-24 months) to RS232 mode or RS485 mode Ibid bit machine communication

Technical parameters

Sensors	SLHT8
Display temperature range	-55℃～+125.0℃
Display resolution	0.1℃
Measuring precision	4.5RH%
Temperature rate	4s (one cycle)
Channels	10 channels, each channel can connect up to 12-24 points
Baud Rate	9600 (other baud rate can be customized)
Communication port	RS232 (optional CAN, RS485 or Ethernet)
Power supply	DC 5V 1A
Power Consumption	5W
Weight	1000 grams
Storage temperature	-20 ～80℃
Operating environment:	-40℃～+85℃
Support temperature cable length	>350m
Dimensions	200×70×175mm3

Features

1. To provide secondary development of communication protocol, to facilitate the development of secondary
2. Sensor Collection Bus cabling, wiring simple and flexible.
3. Networking Easy, workstations have their own ID
4. Can be read into the sensor in real time
5. Can be read online a 64-bit unique serial number sensors humidity sensors
6. Measurement points 120-240 support a SLHT8
7. Optional strong drive sensor bus station up to 450 meters

Wiring

1. Power

This equipment uses the power supply DC5V, maximum voltage must not exceed 5.8V, 4.5V minimum voltage of not less than

Random distribution of the power supply DC5V 1A, if the sensors are more and

lead longer, it is recommended to use the DC5V 2A-3A power supply.

Communication port
This machine comes standard communication interface RS232, RS485 communication when required, can be an external RS232/RS485 converter to extend the communication distance, because equipment has a unique ID, the machine is 01, an external RS232/RS485 conversion equipment immediately after networking.

1. Sensor Interface
A three-wire sensor bus. See terminal block, VCC, GND power supply to the sensor. DQn for the sensor channel number, the device has 10 channels, that is, DQ1, DQ2, ... DQ10
The most common line is not greater than 300 meters long, if the communication distance of more than 300 meters, it is recommended to use thicker wire core twisted pair (signal line and ground on the cutter.)

Ordering and Selection

Product Name	Model (order)	Help
Universal Humidity Data Acquisition Workstation	SLET1000-H/120	Humidity support 120
	SLET1000-H/160	Humidity support 180
	SLET1000-H/200	Humidity support 200
	SLET1000-H/240	Humidity support 240

Random list

No.	Name	Model	Quantity	Remarks
1	Humidity Data Acquisition Workstation	SLET1000-H	1	
2	Monolithic Power	5V 1A	1	
3	Serial communication line		1	
4	Data CD		1	
5	Manual		1	

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